

# INTERNATIONAL SEARCH REPORT

International Application No

/GB2004/003187

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G02B6/35 G02B6/26

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 309 608 A (SECR DEFENCE) 30 July 1997 (1997-07-30)  page 9, line 19 - page 11, line 11; figures 3-6 page 26, line 26 - page 27, line 1 page 28, line 1 - line 12	1-5, 12-16, 18,19, 26,27,29
Y	US 2003/012509 A1 (LAM LEO ET AL) 16 January 2003 (2003-01-16) abstract; figures 5,6 paragraphs '0009!', '0044!' - '0046!', '0051!', '0054!', '0056!', '0058!'	1-29

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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

15 September 2004

Date of mailing of the international search report

04/10/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	MIURA T ET AL: "NOVEL VARIABLE OPTICAL ATTENUATOR BASED ON THREE-DIMENSIONAL HOLLOW WAVEGUIDE" JAPANESE JOURNAL OF APPLIED PHYSICS, PUBLICATION OFFICE JAPANESE JOURNAL OF APPLIED PHYSICS. TOKYO, JP, vol. 42, no. 6A, PART 1, June 2003 (2003-06), pages 3477-3478, XP001192037 ISSN: 0021-4922 page 3477, column 1; figure 1 page 3478, column 1, lines 13-16 -----	1-29
Y	US 2002/150378 A1 (HEFFNER BRIAN LEE ET AL) 17 October 2002 (2002-10-17) paragraphs '0012!, '0013!, '0017!; figure 1 -----	7,9,10
Y	US 2002/150377 A1 (GELBART DANIEL) 17 October 2002 (2002-10-17) paragraph '0025!; figure 1 -----	11
Y	LEE CHAU-HAN ET AL: "Planar lightwave circuit design for programmable complementary spectral keying encoder and decoder" ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 35, no. 21, 14 October 1999 (1999-10-14), pages 1813-1815, XP006012839 ISSN: 0013-5194 second column, paragraph entitled with "Design" -----	23
A	US 6 501 869 B1 (ATHALE RAVINDRA) 31 December 2002 (2002-12-31) abstract; figures 10-13,17 column 10, line 14 - line 29; figure 15 -----	1-29
A	US 2003/113067 A1 (KOH SEUNGUG ET AL) 19 June 2003 (2003-06-19) paragraphs '0046!, '0065!, '0068!; figure 4 -----	17,25,28

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Information on patent family members

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